GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:5176
ANSWERED ON:11.05.2007
3D VIDEO SURVEILLANCE DATA BASE
Barman Shri Ranen

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Government has any programme to create a 3D video surveillance data base at New Delhi;

(b) if so, the details thereof;

(c) the benefits likely to be accrued therefrom;

(d) whether such programme is likely to be implemented in other major cities also; and

(e) if so, the details thereof?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF EARTH SCIENCES (KAPIL SIBAL)

(a) to (e): Yes, Sir. The Government has initiated action to create a 3-D GIS, a comprehensive data base of all the facilities and buildings of Delhi, which can be integrated with the video cameras. The project comprises large scale mapping to be created by Survey of India for whole of Delhi using photogrammetric technique and building 3-D GIS on this base map on the lines of pilot project carried out in Chandni Chowk area of Delhi. This comprehensive 3-D GIS will −

$ provide reliable and updated data-base of Delhi which would be a useful tool to improve upon the congested areas of the city;

$ facilitate repairs of all the underground facilities as the project envisages details of mapping above ground and of underground facilities.

Better tax recovery by Municipal authorities, effective monitoring of encroachments, better management of traffic and effective co-ordination and monitoring of relief work in the event of any disaster are the other benefits which are likely to be accrued from this project.

At present, the proposal is for Delhi.